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UNITED STATES.

REPORTS TO THE SURGEON GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

PLAGUE-PREVENTION WORK.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 190 acres of land in Alameda County were covered with poison during the week ended February 25, 1911.

Record of Plague Infection.

| Places. | Date of last case of human plague. | Date of last case of rat plague. | Date of last case of squirrel plague. | Total number of rodents found infected since May, 1907. |
|---|------------------------------------|----------------------------------|---------------------------------------|---|
| California: | | | | |
| Cities— | | | | |
| San Francisco..... | Jan. 30, 1908..... | Oct. 23, 1908..... | None..... | 398 rats. |
| Oakland..... | Oct. 26, 1909..... | Dec. 1, 1908..... | do..... | 126 rats. |
| Berkeley..... | Aug. 28, 1907..... | None recorded..... | do..... | None. |
| Los Angeles..... | Aug. 11, 1908..... | None..... | Aug. 21, 1908..... | 1 squirrel. |
| Counties— | | | | |
| Alameda (exclusive of the city of Oakland). | Sept. 26, 1909..... | Wood rat, Oct. 17, 1909..... | Feb. 1, 1911..... | 94 squirrels. |
| Contra Costa..... | July 21, 1908..... | None..... | Sept. 10, 1910..... | 1 wood rat. |
| Merced..... | None recorded..... | do..... | June 6, 1910..... | 247 squirrels. |
| Monterey..... | do..... | do..... | do..... | 2 squirrels. |
| San Benito..... | June 5, 1910..... | do..... | July 11, 1910..... | 4 squirrels. |
| San Joaquin..... | None recorded..... | do..... | Jan. 9, 1911..... | 20 squirrels. |
| San Luis Obispo..... | do..... | do..... | Jan. 29, 1910..... | 11 squirrels. |
| Santa Clara..... | Aug. 23, 1910..... | do..... | Oct. 5, 1910..... | 1 squirrel. |
| Santa Cruz..... | None recorded..... | do..... | May 17, 1910..... | 23 squirrels. |
| Stanislaus..... | do..... | do..... | May 21, 1910..... | 3 squirrels. |
| Washington: | | | | |
| Seattle..... | Oct. 30, 1907..... | Feb. 8, 1910..... | None..... | 5 squirrels. |
| | | | | 22 rats. |

Rats Collected and Examined for Plague Infection.

| Places. | Week ended— | Found dead. | Total collected. | Examined. | Found infected. |
|--------------------|--------------|-------------|------------------|-----------|-----------------|
| California: | | | | | |
| Cities— | | | | | |
| Berkeley..... | Feb. 25..... | | 174 | 48 | |
| Oakland..... | do..... | 44 | 2482 | 367 | |
| San Francisco..... | do..... | 30 | 1,346 | 901 | |
| County— | | | | | |
| San Joaquin..... | do..... | | 2 | 2 | |
| Total..... | | 74 | 1,904 | 1,318 | |

¹ Identified, *Mus norvegicus* 48, *Mus musculus* 26.

² Identified, *Mus norvegicus* 409, *Mus rattus* 2, *Mus musculus* 71.

³ Identified, *Mus norvegicus* 721, *Mus rattus* 131, *Mus musculus* 345, *Mus alexandrinus* 149.

⁴ Identified, *Mus norvegicus* 2.

Squirrels Collected and Examined for Plague Infection.

| Places. | Week ended— | Trapped and shot. | Found dead. | Examined. | Found infected. |
|----------------------|-------------|-------------------|-------------|-----------|-----------------|
| California: | | | | | |
| Counties— | | | | | |
| Alameda..... | Feb. 25 | 295 | 1 | 296 | ..... |
| Fresno..... | do..... | 116 | | 114 | ..... |
| Kern..... | do..... | 13 | 2 | 15 | ..... |
| Imperial..... | do..... | 94 | | 91 | ..... |
| Los Angeles..... | do..... | 442 | | 437 | ..... |
| Madera..... | do..... | 270 | | 265 | ..... |
| Mariposa..... | do..... | 141 | | 141 | ..... |
| Merced..... | do..... | 7 | | 7 | ..... |
| Monterey..... | do..... | 926 | | 901 | ..... |
| San Diego..... | do..... | 17 | | 17 | ..... |
| San Joaquin..... | do..... | 384 | 22 | 401 | ..... |
| San Luis Obispo..... | do..... | 419 | 44 | 460 | ..... |
| Santa Clara..... | do..... | 252 | | 248 | ..... |
| Stanislaus..... | do..... | 297 | | 294 | ..... |
| Yolo..... | do..... | 11 | | 11 | ..... |
| Total..... | | 3,684 | 69 | 3,698 | ..... |

Other Animals Collected and Examined.

| Place. | Week ended— | Animals collected. | Examined. | Found infected. |
|----------------------|-------------|-----------------------|-----------|-----------------|
| California: | | | | |
| Counties— | | | | |
| Alameda..... | Feb. 25 | 2 rabbits, 1 gopher. | 3 | ..... |
| Fresno..... | do..... | 3 rabbits..... | 3 | ..... |
| Imperial..... | do..... | 67 rabbits..... | 67 | ..... |
| Los Angeles..... | do..... | 1 gopher, 1 weasel. | 2 | ..... |
| Madera..... | do..... | 18 rabbits..... | 18 | ..... |
| Mariposa..... | do..... | 8 rabbits..... | 8 | ..... |
| Monterey..... | do..... | 2 rabbits..... | 2 | ..... |
| San Joaquin..... | do..... | 18 rabbits, 1 gopher. | 19 | ..... |
| San Luis Obispo..... | do..... | 6 rabbits..... | 6 | ..... |
| Santa Clara..... | do..... | 1 rabbit, 36 gophers. | 37 | ..... |
| Yolo..... | do..... | 24 rabbits..... | 24 | ..... |
| Total..... | | | 189 | ..... |

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city and, in some cases, county boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.